

## **ABSTRACT OF THE DISCLOSURE**

In a snow making apparatus, a metal snow gun housing is provided with independent air and water chambers therein for supplying air and water under pressure. Nucleating nozzles are provided in the housing which have an air chamber therein with side wall apertures for access of air  
5 under pressure to the air chambers. A jet stream of water is injected into the air chamber from a small water jet aperture which is axially aligned with an exterior nozzle aperture at the opposite end of the air chamber so that the water jet ejects through the exterior nozzle aperture without engaging sides thereof for thereby intimately mixing the air and water together as they exit the exterior nozzle aperture to finely nucleate the water spray exiting the snow gun. The water supplying the water  
10 spray is filtered and the gun is provide with a removable access for the filter.